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5/19/95
153391

I. HEADING

Date: May 19, 1995

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Subject: Pollution Report For CERCLA Time-Critical Removal
Action at Sauget & Company Landfill, **Site G**, Sauget,
St. Clair County, Illinois.

POLREP #: 7

II. BACKGROUND

Site No.: 4V
Delivery Order No.: 5001-05-368
Response Authority: CERCLA
CERCLA Incident Category: Time-Critical Removal
CERCLIS ID #: ILD 981 953 623
NPL Status : No
Start Date: March 20, 1995
Latitude: North 38°35'21"
Longitude: West 90°10'23"

III. RESPONSE INFORMATION

A. Initial Situation:

Please refer to POLREP No. 1 dated March 23, 1995

B. Actions Taken:

The following actions were accomplished during the period
of May 12 - 19, 1995)

- * Heavy rain and thunder storms delayed site activities for two and a half days. On-site activities were resumed on 5/19/95. Work will progress into the weekend in order to excavate the Wiese Engineering Company parking lot during

non-business hours. It is estimated that ERCS will excavate approximately 400-500 tons of PCB and dioxin contaminated soil and gravel. The excavated area will be backfilled with clean gravel.

- * As a result of the heavy rain this week and last week, some portions of the site are under 3 to 4 feet of water. It is expected that work within certain fenced areas of the site will resume as early as Monday May 22, 1995.
- * Field observation of the solidified oil and sludge at pit OP-2 indicated the presence of large amounts of unsolidified oil and sludge surfacing at the bottom of the pit. Solidification processes will be resumed as soon as the surface of the landfill is dry.
- * Sample results of oil and sludge materials indicated that the probable parent material may be from an oil handling facility. This assumption is being made due to the presence of BTX (benzene, toluene, xylene) compounds, naphthalene and other semi-volatile compounds in the samples. The samples have a low PCB content which is presumed to be from cross contamination of landfill soils.
- * The U. S. EPA TAT contractor collected three off-site soil samples for dioxin analysis downgradient of the waste pile area (located outside the southwest fence area). Results will be used to evaluate off-site migration of dioxin. Sample results of soil collected from the pile indicated elevated levels of dioxin equivalency of 143 ppb. Results are expected during the week of May 22, 1995.

C. Enforcement

Results of samples collected from oil and sludge pits indicated the presence of benzene, toluene, xylene, naphthalene and other semi-volatiles. Those compounds may indicate the source of the oil and sludge was an oil handling facility.

IV. NEXT STEPS

- A. Start slope rectification of the site area in preparation for clay cap placement.
- B. Collect ambient air samples, if necessary, to evaluate off-site migration of contaminants and pollutants that may be triggered by on-site activities (not expected if site remains wet).
- C. Continue to solidify oil and sludge that surfaced at the bottom of oil pit OP-2.

- D. Solidify oil pit OP-1 using Code L lime. Re-inspect oil pit OP-2 for further oil which may surface.
- E. Place a clay cap over the site area.

V. KEY ISSUES

None

VI. Costs to date

	<u>AMOUNT BUDGETED</u>	<u>AMOUNT USED</u>	<u>AMOUNT REMAINING</u>
US EPA (Direct & Indirect)	\$ 108,000.00	\$ 39,612.00	\$ 68,388.00
TAT	\$ 56,000.00	\$ 38,457.72	\$ 17,542.28
ERCS*	\$ 500,000.00	\$176,051.99	\$323,948.01
TOTAL	\$ 664,000.00	\$254,121.71	\$409,878.29

* ERCS cost as of 5/17/1995